

# SUNSEAL™

## THE NEW NAME IN LOST CIRCULATION MANAGEMENT

SUNSEAL™ is a proprietary blend containing environmentally sustainable materials, including processed organic fibers, graded post-consumer recycled materials, high strength, sized and flake synthetic particles and spherical bridging agents. SUNSEAL™ lost circulation additive is a superior bridging material to treat and control lost circulation.

SUNSEAL™ can be applied in pills, sweeps and as a background LCM for continuous reduction of drilling fluid losses. It can also be used in conjunction with other LCM products. The diverse particle technology ensures the optimum range of coverage for the best chance of success in difficult formations. SUNSEAL™ is composed of synthetic particles that resist degradation as well as provide a lubricating effect in the well-bore.

### Advantages

- ◆ Compatible in all fluids
- ◆ Mixes quickly through conventional rig equipment
- ◆ Broad particle size distribution (PSD)
- ◆ Blended – Typically no need for multiple LCMs
- ◆ Non-toxic
- ◆ Chemically inert
- ◆ Will not plug MWD or Mud Motors when mixed as recommended
- ◆ No effect on LC<sub>50</sub> value of active fluid system
- ◆ High strength particles enhance stress cage treatment

### Physical Properties

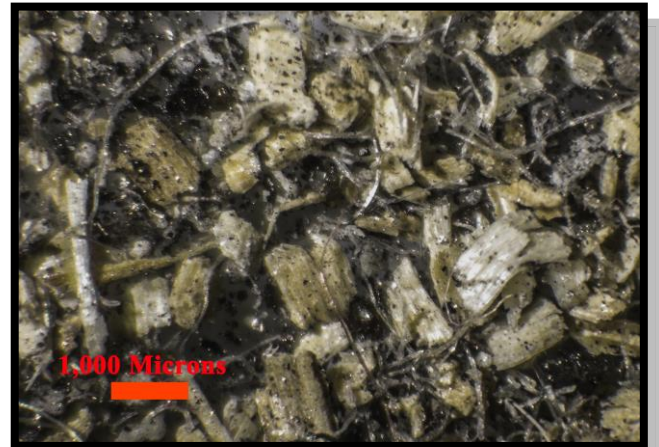
- ◆ PSD – 200µ-1400µ
- ◆ Appearance - Tan fibers, black spheres, clear particles
- ◆ Insoluble in any drilling fluid

### Packaging

- ◆ 25 pound sacks - 48 sacks/pallet

### Application

- ◆ <10 bbl/hr losses – 5-10 ppb sweeps
- ◆ 10-100 bbl/hr losses – 10-25 ppb sweeps/pills
- ◆ Total Losses – Maximum allowed by downhole tools



Each application for treating partial or entire loss of circulation is unique.  
Call 1-800-962-6490 to discuss your application with a SUN Lost Circulation Specialist.

***SUN...The HOLE Solution Company!***

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